

WARNINGS AND CAUTIONS



WARNING

Failure to observe the following warnings could create a risk of death or serious injury.

Please review all available information and these product warnings before installing and using this system. These warnings provide important information about the suitability of the Timken Wireless Sensor and Monitoring Solution for your particular application or environment and the safe installation and use of the system.

APPLICATION AND ENVIRONMENT

The Timken Wireless Sensor and Monitoring Solution is not for use in life- or safety-critical systems, or any other application or environment requiring unconditional and uninterrupted reliability in order to safeguard the security of people, tangible or intangible property, or environmental harm, including, but not limited to, nuclear related activities, mass transportation, air transportation navigation/communication, air traffic control systems, and life-saving or life-sustaining systems or equipment and similar medical devices.

NOT RATED FOR USE IN EXPLOSIVE ENVIRONMENTS (e.g., not rated IECEx, ATEX, NEC, CEC). NEVER use the Timken Wireless Sensor and Monitoring Solution in a location with an explosive environment, such as where gases, vapors, dusts, or fibers are or may be present in sufficient quantities to cause an explosion or fire.

The Timken Wireless Sensor and Monitoring Solution should be regarded as one of several tools and processes for monitoring the condition of equipment, and not as the sole or primary means of such monitoring. DO NOT rely solely or primarily upon the Timken Wireless Sensor and Monitoring Solution to monitor the condition of equipment.

INSTALLATION

The Timken Wireless Sensor and Monitoring Solution **MUST** be installed in accordance with and by persons familiar with all installation instructions, applicable laws and codes, and industry practices.

Before installing the sensor, turn off power to equipment onto which sensor is being installed, allow equipment to cool, measure surface to confirm cooling, and USE lock-out-tag-out procedures.

SENSOR BATTERIES

DO NOT expose the sensor to excessive mechanical, thermal, or electrical loads, as this could cause the battery container to rupture.

DO NOT allow the sensor to be exposed to heat above 100° C (212° F).

Because the sensors contain non-replaceable lithium thionyl chloride batteries, they are classified as hazardous materials during transport. The sensor must be transported in accordance with applicable legal requirements. Defective sensors must not be sent by air freight; contact manufacturer or your supplier for more information on how to transport a sensor containing a damaged or defective battery. Sensors must be deactivated during transport, see User Manual for deactivation instructions.

DO NOT open the sensor and DO NOT attempt to remove or replace battery in the sensor. Battery is not replaceable. Upon end of battery life, you MUST dispose of the entire sensor in accordance with local regulations. Do not dispose of the sensor as unsorted municipal waste; take them for recycling (or, in locations where recycling is unavailable, another hazardous waste collection point). For information on your nearest recycling or hazardous waste collection point, check with your local waste authority.

GENERAL

DO NOT attempt to repair or modify the sensor or the gateway. Neither product has any parts that can be serviced by the user.

KEEP OUT OF REACH OF CHILDREN.

DO NOT use the gateway (enclosed version) without the finger guard of the power cable connector.

USE ONLY the power supply cord provided with the gateway.

TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related industrial motion rebuild and repair services.

Stronger. By Design.

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